


US Model
Chassis No.: SCC-548N-A

Canadian Model
Chassis No.: SCC-552K-A

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION
PROVENANT D'UN CHÂSSIS SOUS TENSION, UN
TRANSFORMATEUR D'ISOLEMENT DOIT ETRE
UTILISE LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT
RACCORDÉ À L'ALIMENTATION SECTEUR.

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHEMAS DE PRINCIPES LES VUES EXPLOSEES ET LES LISTES DE PIECE SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMERO DE PIECE EST INDIQUE DANS LE PRESENT MANUEL OU DANS DES SUPPLEMENTS PUBLIES PAR SONY. LES REGLAGES DE CIRCUIT DONT L'IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRESENT MANUEL. SUIVRE CES PROCEDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANT CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTE.






WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS. THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

COMPONENTS IDENTIFIED BY SHADING AND MARKED WITH THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LISTS ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS ONLY WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

Note: The components identified by shading and marking  are critical for safety. Replace only with part number specified.




Note: Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

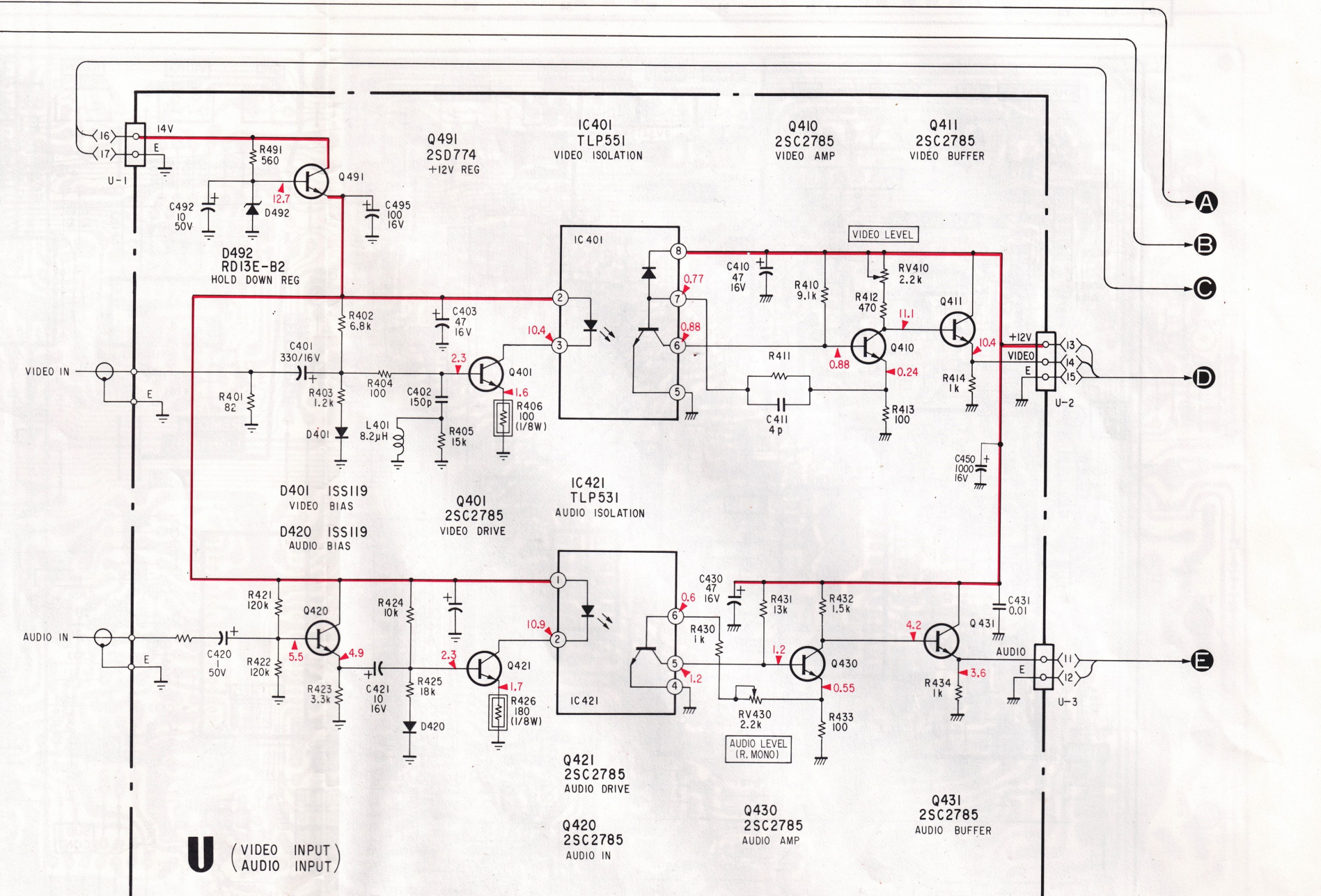
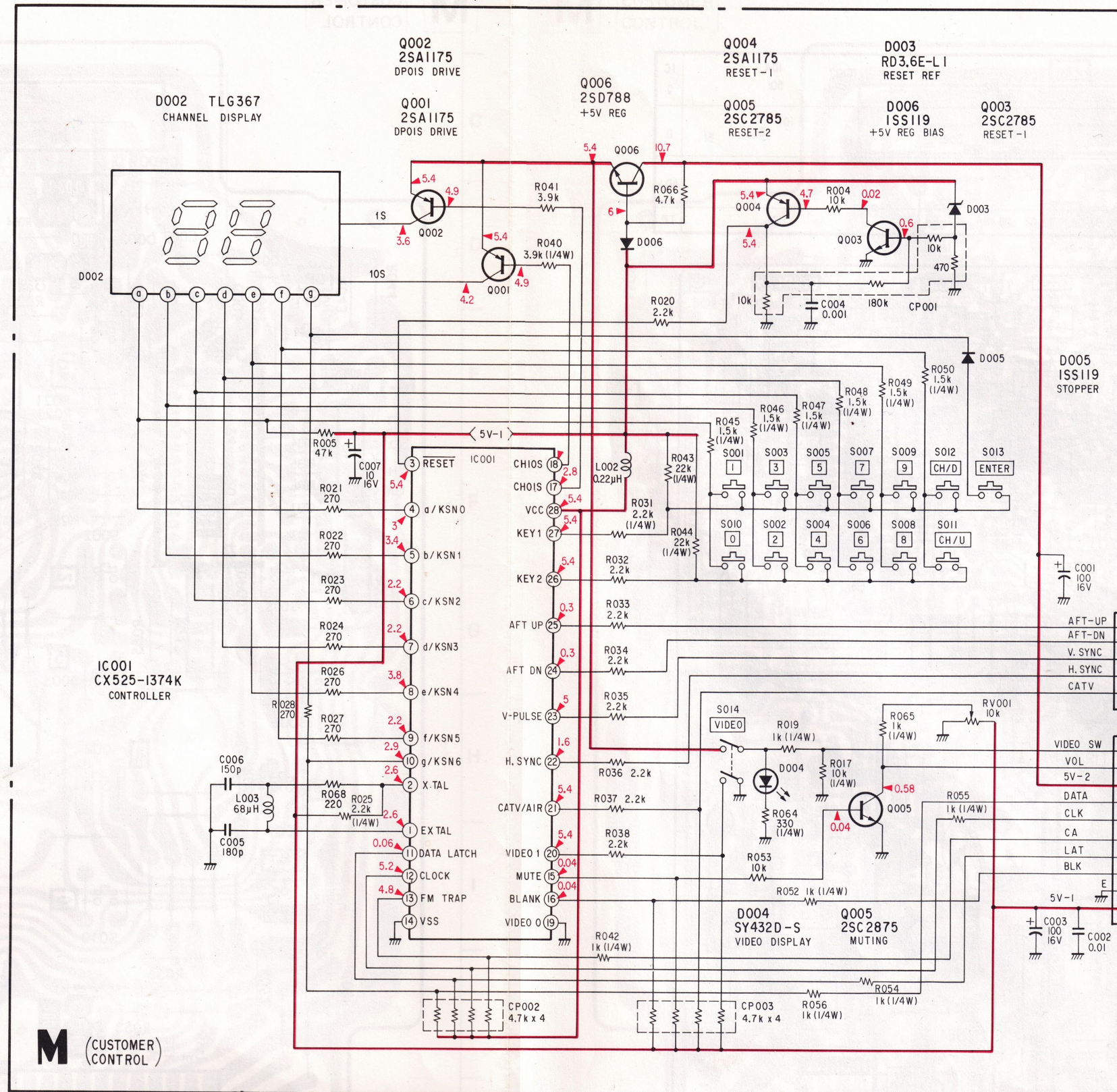
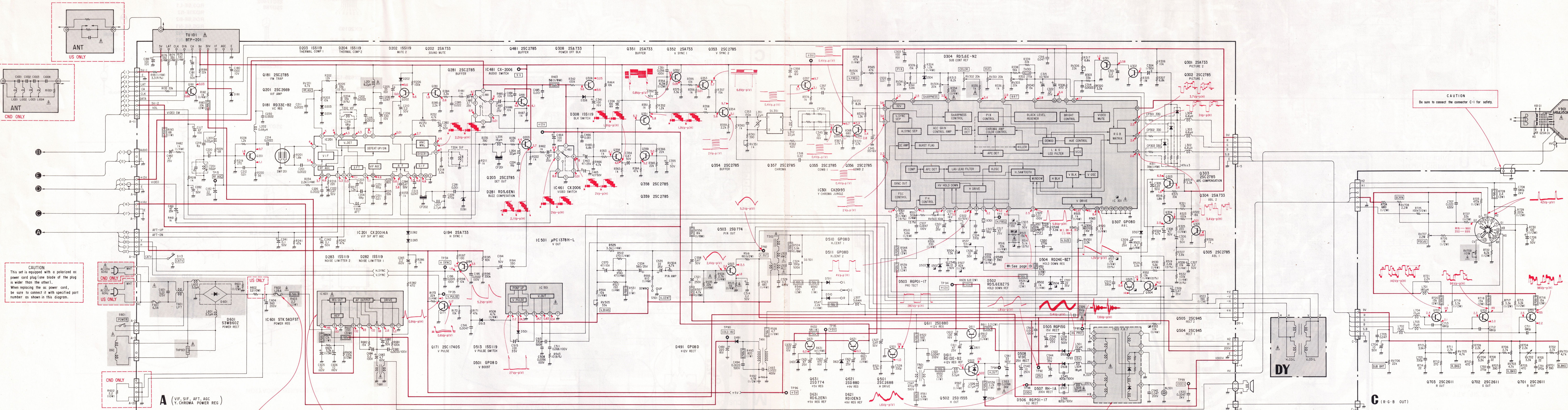
- All Capacitors are in μF unless otherwise noted, P.F.: $\mu\text{F}/500\text{V}$ or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted, $k\Omega = 1000\Omega$, $M\Omega = 1000k\Omega$.
- Standard for the U Board is 1/4W.
 -  : nonflammable resistor.
 - Δ : internal component.
 -  : panel designation.
- All variable and adjustable resistors have characteristic curve A, unless otherwise noted.
- The components identified by  in this manual have been factory-selected for X-ray stability in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by  mark the necessary adjustments indicated. If results do not meet the specified value, change the component identified by  to meet the adjustment until the specified value is achieved.

(Refer to RS13 adjustment on page 19.)

When replacing the part in below table, be sure to perform the related adjustment.

Part replaced (<input checked="" type="checkbox"/>)	Adjustment (<input checked="" type="checkbox"/>)
IC301, Q504, Q505, D502, D504, R504, R507, R509, R513, R514, R517, R526, R537, R553, R559	R513

- All voltages are in V.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 100M Ω digital multimeter.
- Readings are taken with a color-bar signal input.
-  : B+ bus.
-  : B- bus.
- Voltage variations may be noted due to normal production tolerances.
-  : adjustment for repair.
- * : Selected to yield optimum performance.

[illegible]

CAUTION
When taking a broken fuse (F602) off, discharge across C604 to avoid shock hazard.

CAUTION
When replacing IC601, be sure to check
Refer to the Safety Adjustments Section.

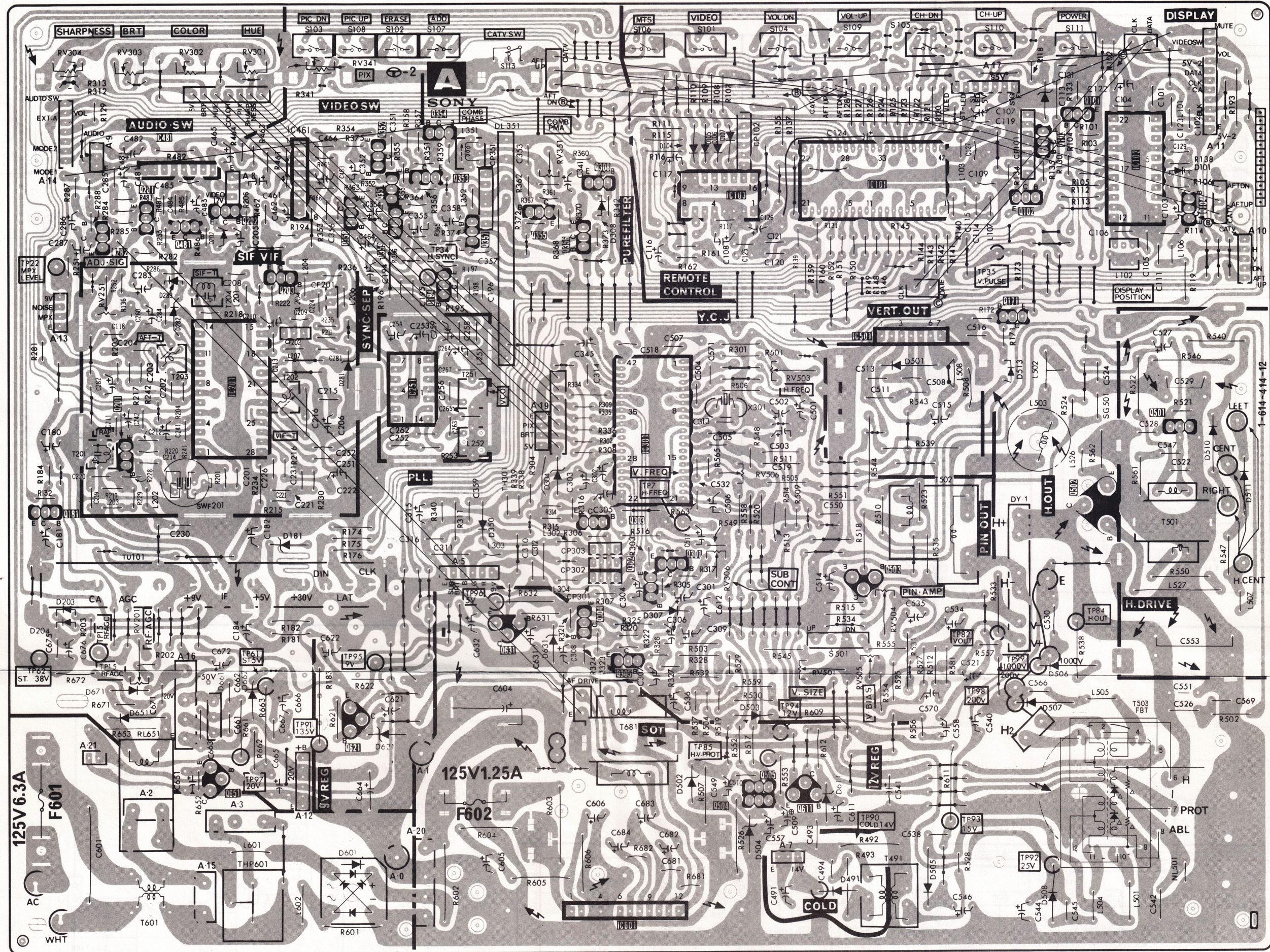
CAUTION
When replacing T503, be sure to check the point voltage value (TP85). Refer to the Safety Adjustment Section of the Service Manual.

MOUNTING DIAGRAM

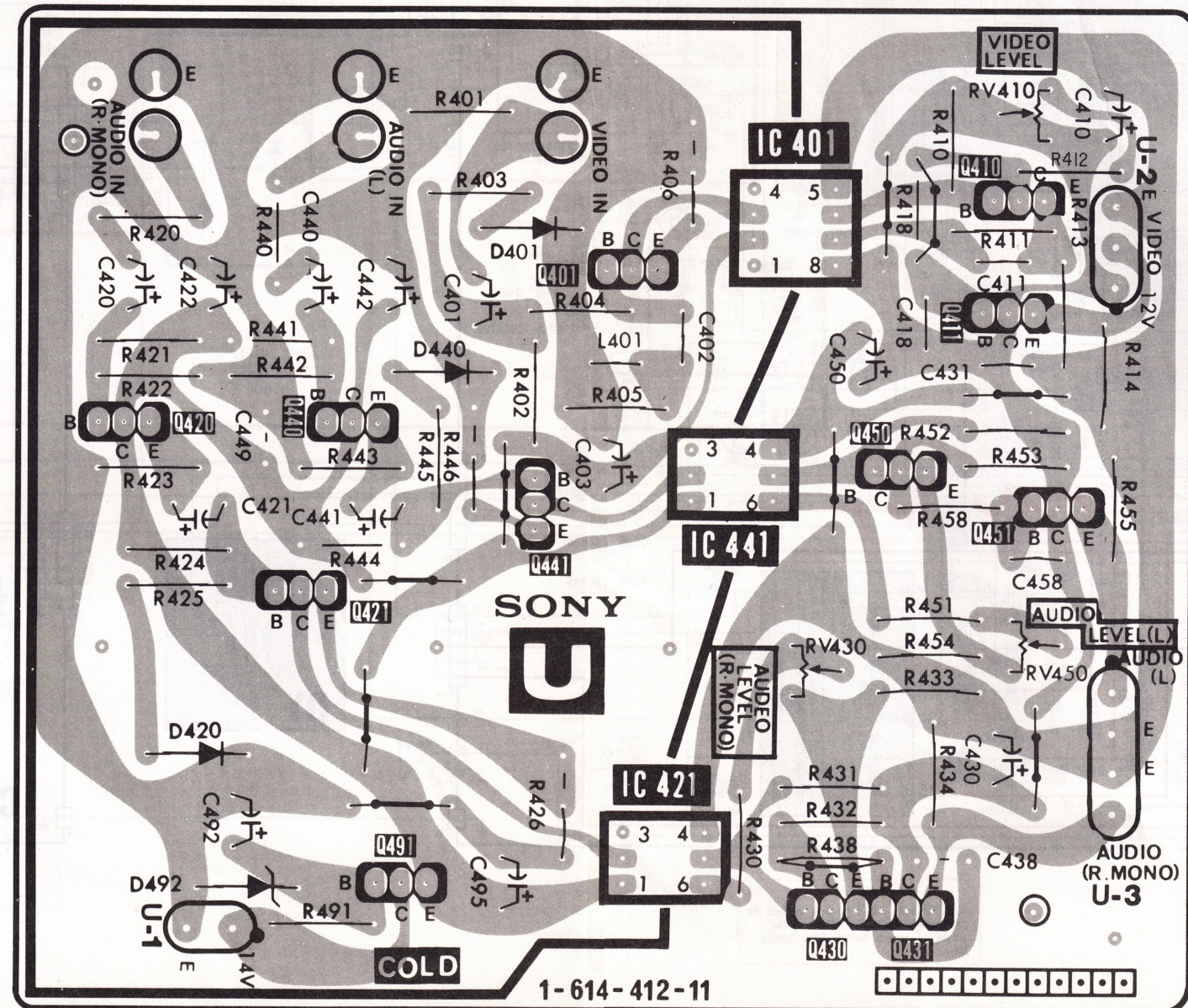
Note: All mounting diagrams are viewed from conductor side.

A VIF, SIF, AFT, AGC
Y.CHROMA POWER REG.

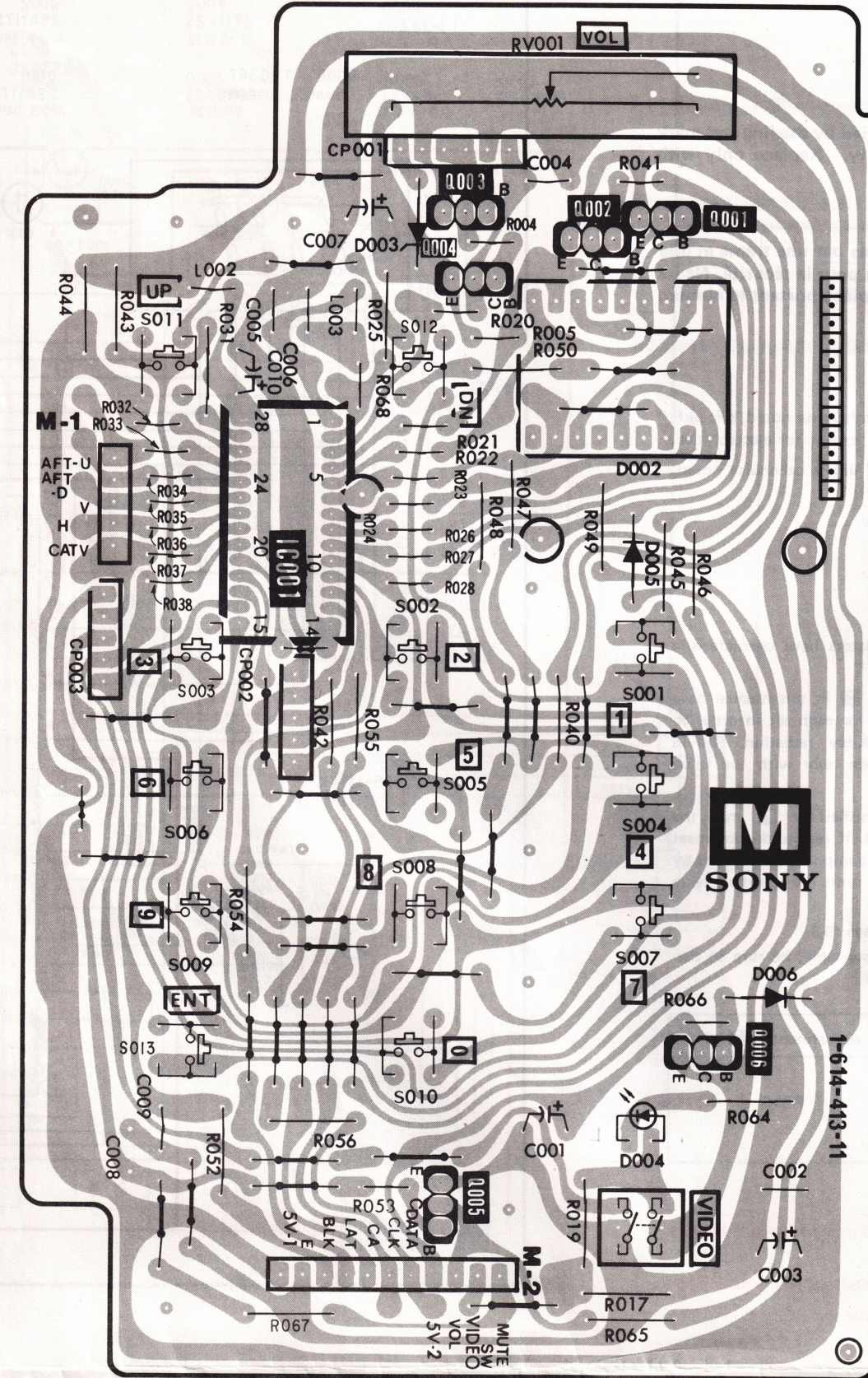
IC	282		281	481	202	IC451		358	352	351	354	357	355	356	308	IC301	301	IC103	505		611	IC101		IC501	103		101	IC102	104	IC	Q			
	181	201		202	IC201	651		621		359,353	IC251	194	631	304	IC601	305	302			504				503			102	502						
Q	203		671	283		201			662	181	281	621	350		304	308		107				611		501			513	507	506		101	510	511	D
	204		651		282						601			631		308		307	104,106	503		491		505			508							
ADJ	RV304		RV303		RV302								RV351				RV306		RV503				RV504		RV505						ADJ			
	RV251		RV201																RV506				RV505											
TP	62	22	15			97	61	91	95	34		96					7			85	94	90				93	32	82	98	99	92	84	TP	



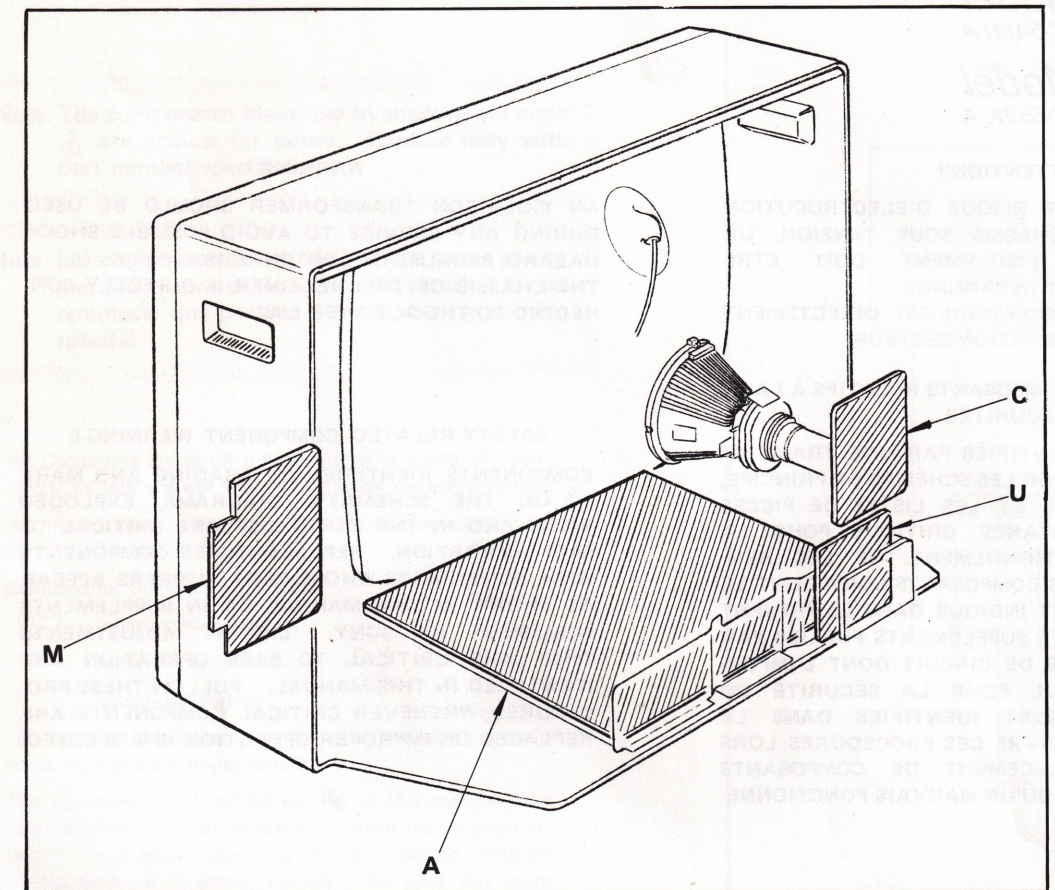
U VIDEO INPUT
AUDIO INPUT



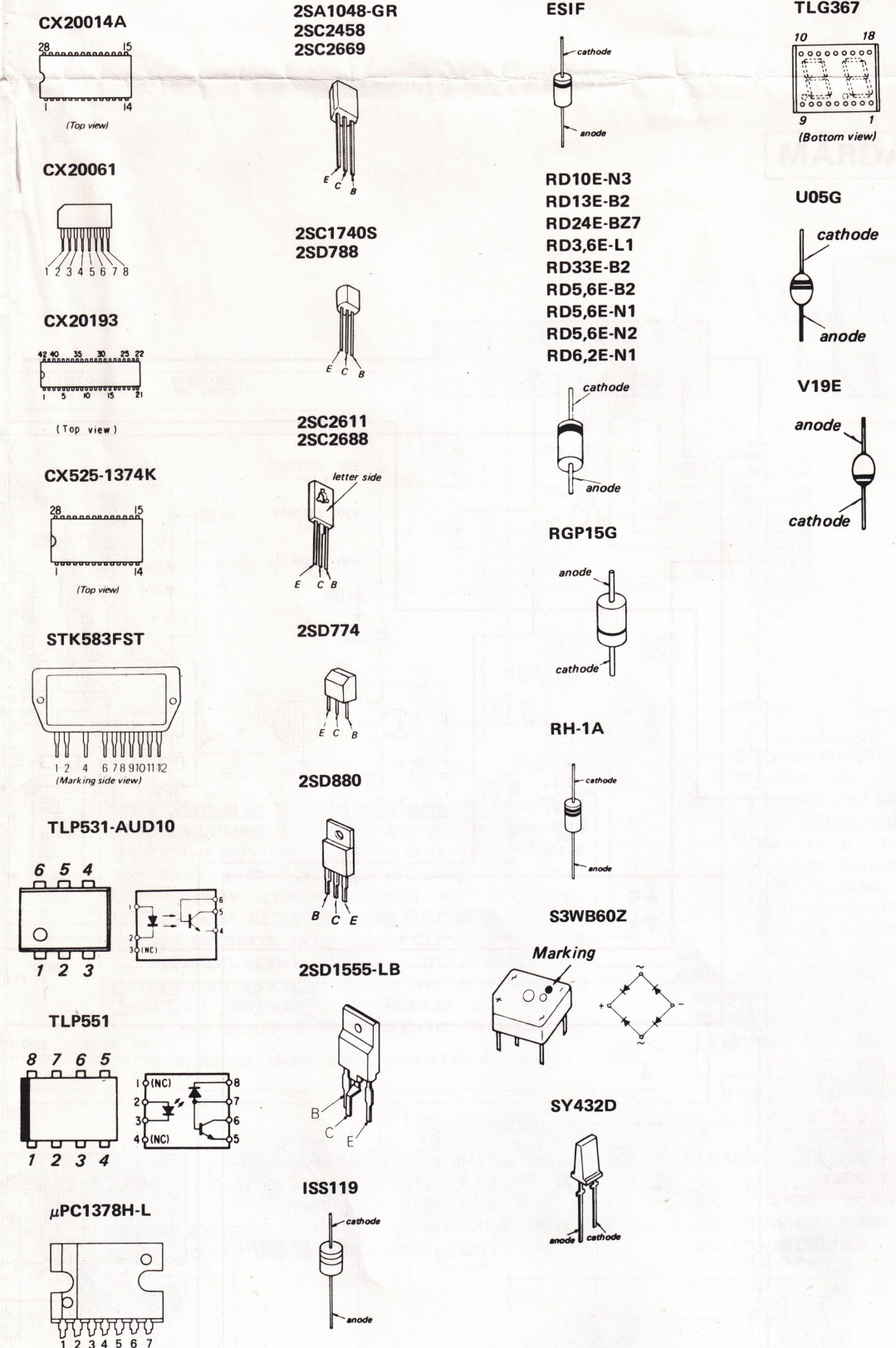
M CUSTOMER
CONTROL



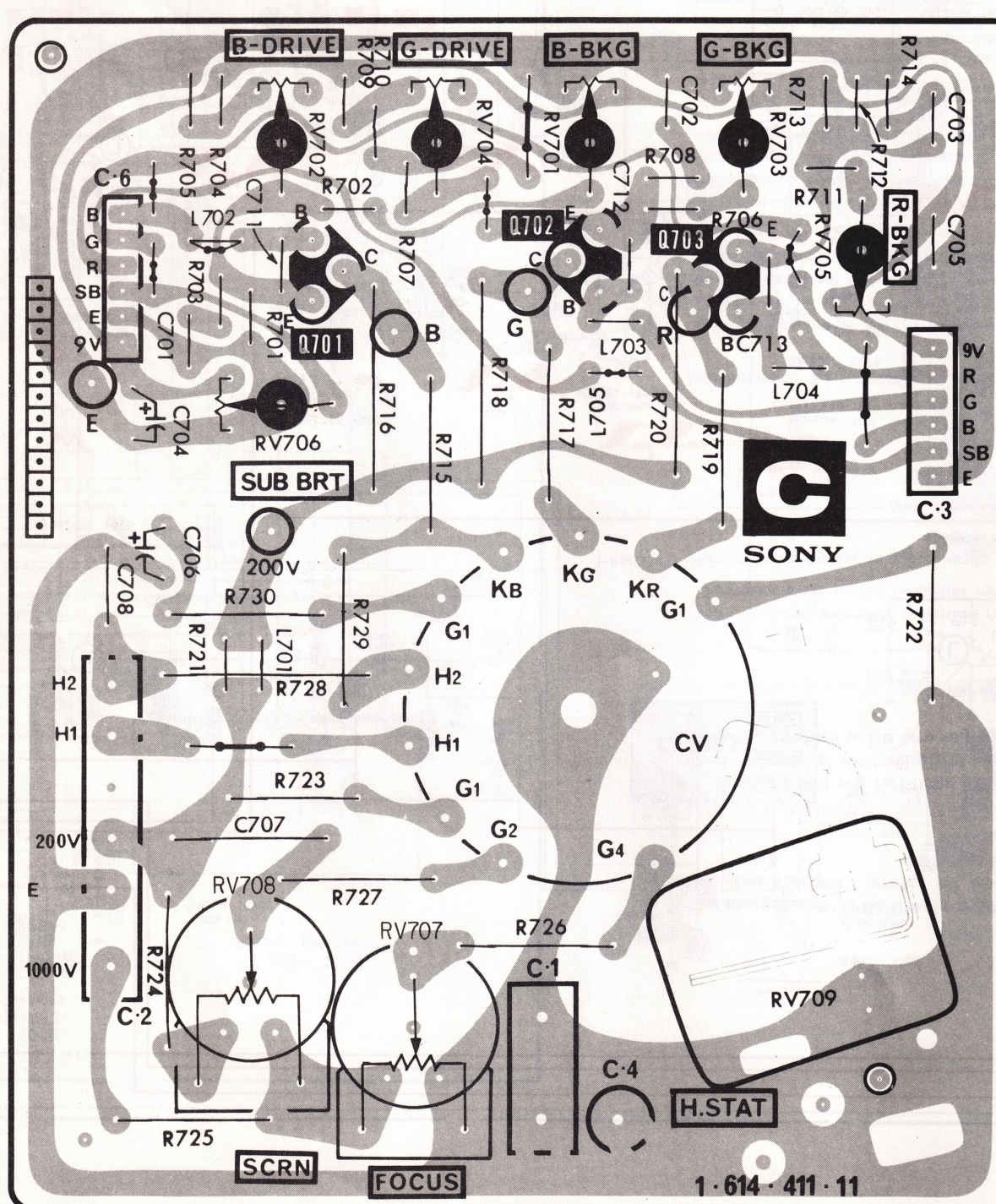
CIRCUIT BOARDS LOCATION



SEMICONDUCTORS



C [R-G-B OUT]



Sony Corporation

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